

Stereoselective synthesis of dodecaammine- δ -hexoltetracobalt(III) in
carbohydrates solution Sintesis estereoselectiva de
dodecamino- δ -hexoltetracobalto(III) en presencia de hidratos de carbono

Larrazabal, Guillermo

Bunel, Sergio

Ibarra, Carmen

Parada, José

Reaction between $\text{cis-}[\text{Co}(\text{NH}_3)_4(\text{H}_2\text{O})_2]^{3+}$ and ammonia in aqueous solution, in the presence of a carbohydrate, leads to the formation of the tetranuclear complex of cobalt (III):

$[\text{Co}_4(\text{NH}_3)_{12}(\text{OH}_6)]^{6+}$ partially resolved. The degree of resolution depends on the nature of the carbohydrates used.